

In the Claims:

Please cancel claims 22-24. Please amend claims 1, 10, 14, 17, 21, 25, 26, 31, and 33.

The claims are as follows:

1. (Currently amended) A security enclosure, comprising:

an electronic assembly;

a tamper respondent wrap secured at least partially around the assembly, wherein the tamper respondent wrap comprises a plurality of layers, and wherein a plurality of electrically conductive lines or a plurality of electrically conductive ink traces exist within inside each layer of the wrap; and

an extension cable electrically connecting the wrap to the assembly.

2. (Previously presented) The security enclosure of claim 1, wherein the electronic assembly comprises a cryptographic processor card adapted to store key codes to encrypt and decrypt information enclosed within the electronic assembly.

3. (Previously presented) A security enclosure, comprising:

an electronic assembly;

a tamper respondent wrap secured at least partially around the assembly, wherein the tamper respondent wrap includes an adhesive inner surface that adheres the wrap to the electronic assembly.

4. (Original) The security enclosure of claim 1, wherein the tamper respondent wrap further includes a plurality of bonding pads formed at a first end of the wrap.

5. (Original) The security enclosure of claim 4, wherein the tamper respondent wrap further includes a system of resistors within each layer of the wrap.

6. (Previously presented) The security enclosure of claim 5, wherein each layer of the wrap comprises the ink traces, and wherein the system of resistors connect the ink traces within each layer of the wrap to the bonding pads.

7. (Original) The security enclosure of claim 1, wherein the extension cable further includes a plurality of interconnections at a first end of the extension cable.

8. (Original) The security enclosure of claim 7, wherein the extension cable further includes a plurality of bonding pads at a second end of the extension cable.

9. (Original) The security enclosure of claim 8, wherein wires connect the interconnections and the bonding pads of the extension cable.

10. (Currently amended) The security enclosure of claim 1, wherein a plurality of bonding pad[[s]] on the wrap are is bonded to a plurality of bonding pad[[s]] on the extension cable, wherein an entire first surface of the bonding pad on the extension cable is in direct mechanical

contact with the extension cable at a contact surface portion of the extension cable, wherein an entire first surface of the bonding pad on the wrap is in direct mechanical contact with the wrap at a contact surface portion of the wrap, wherein the contact surface portion of the extension cable is aligned directly above the entire first surface of the bonding pad on the extension cable, the entire first surface of the bonding pad on the wrap, and the contact surface portion of the wrap.

11. (Cancelled)

12. (Original) The security enclosure of claim 1, wherein the wrap at least partially covers the extension cable.

13. (Previously presented) The security enclosure of claim 1, wherein the extension cable comprises a flexible dielectric material.

14. (Currently amended) A security enclosure, comprising:

an electronic assembly;

an extension, having a first end inserted in the assembly, and a second end having at least one bonding pad thereon; and

a tamper respondent wrap at least partially surrounding the assembly, having at least one corresponding bonding pad, wherein the bonding pad of the extension is secured to the bonding pad of the wrap, wherein an entire first surface of the bonding pad of the extension is in direct

mechanical contact with the extension at a contact surface portion of the extension, wherein an entire first surface of the bonding pad of the wrap is in direct mechanical contact with the wrap at a contact surface portion of the wrap, wherein the contact surface portion of the extension is aligned directly above the entire first surface of the bonding pad of the extension, the entire first surface of the bonding pad of the wrap, and the contact surface portion of the wrap, wherein the tamper respondent wrap comprises a plurality of layers, and wherein each layer of the wrap includes a plurality of electrically conductive lines or a plurality of electrically conductive ink traces.

15. (Original) The security enclosure of claim 14, wherein the first end of the extension comprises at least one interconnection which forms an electrical connection between the assembly and the extension.

16. (Original) The security enclosure of claim 15, wherein the at least one interconnection is electrically connected to the at least one bonding pad of the extension via a wire.

17. (Currently amended) The security enclosure of claim 14, wherein the wrap further includes an adhesive on an inner surface of the wrap to secure the wrap to the assembly each layer of the wrap includes, inside said each layer of the wrap, the plurality of electrically conductive lines or the plurality of electrically conductive ink traces.

18. (Previously presented) The security enclosure of claim 14, wherein each layer of the wrap

comprises the ink traces, and wherein the wrap further includes a system of resistors connecting the ink traces within the wrap to the bonding pads of the wrap.

19. (Original) The security enclosure of claim 14, wherin the extension comprises a flexible cable.

20. (Currently amended) A security enclosure, comprising:

an electronic assembly; and
a tamper respondent wrap electrically connected to the assembly via an attachable extension, wherin the tamper respondent wrap comprises a plurality of layers, and a plurality of electrically conductive lines or a plurality of electrically conductive ink traces exist within inside each layer of the wrap.

21. (Currently amended) A security enclosure, comprising:

an electronic assembly; and
a tamper respondent wrap electrically connected to the assembly via an attachable extension, wherin the attachable extension comprises a flexible extension cable, and wherin an end of the flexible extension cable has a bonding pad thereon, wherin the tamper respondent wrap comprises a bonding pad formed on an end thereon, wherein the bonding pad of the extension cable is secured to the bonding pad of the wrap, wherein an entire first surface of the bonding pad of the extension cable is in direct mechanical contact with the extension cable at a contact surface portion of the extension cable, wherin an entire first surface of the bonding pad

of the wrap is in direct mechanical contact with the wrap at a contact surface portion of the wrap,
wherein the contact surface portion of the extension cable is aligned directly above the entire first
surface of the bonding pad of the extension cable, the entire first surface of the bonding pad of
the wrap, and the contact surface portion of the wrap.

22-24. (Cancelled)

25. (Currently amended) The security enclosure of claim [[23]] 21, wherein the extension further comprises a plurality of interconnections formed at a second end of the extension.

26. (Currently amended) The security enclosure of claim [[22]] 21, wherein each layer of the wrap comprises, within said each layer of the wrap, the ink traces, and wherein a system of resistors electrically connects the bonding pads of the wrap to the ink traces of the wrap.

27-30. (Cancelled)

31. (Currently amended) A method of forming a security enclosure, comprising:
providing an electronic assembly having an opening therein;
inserting a first end of an extension within the opening of the assembly;
wrapping a tamper respondent wrap at least partially around the assembly, wherein the tamper respondent wrap comprises a plurality of layers, and wherein a plurality of electrically conductive lines or a plurality of electrically conductive ink traces exist within inside each layer

of the wrap; and

electrically connecting a second end of the extension to the wrap.

32. (Previously presented) The method of claim 31, wherein the tamper respondent wrap includes an adhesive inner surface that adheres the wrap to the electronic assembly.

33. (Currently amended) The method of claim 31, wherein the extension comprises a flexible extension cable, wherein the tamper respondent wrap comprises a bonding pad formed on an end thereof, wherein the bonding pad of the extension cable is secured to the bonding pad of the wrap, wherein an entire first surface of the bonding pad of the extension cable is in direct mechanical contact with the extension cable at a contact surface portion of the extension cable, wherein an entire first surface of the bonding pad of the wrap is in direct mechanical contact with the wrap at a contact surface portion of the wrap, wherein the contact surface portion of the extension cable is aligned directly above the entire first surface of the bonding pad of the extension cable, the entire first surface of the bonding pad of the wrap, and the contact surface portion of the wrap.

34. (Previously presented) The security enclosure of claim 20, wherein the tamper respondent wrap includes an adhesive inner surface that adheres the wrap to the electronic assembly.

35. (Previously presented) The security enclosure of claim 20, wherein each layer of the wrap comprises the electrically conductive lines, and wherein the electrically conductive lines include

an electrically conductive thermoplastic polymer.

36. (Previously presented) The security enclosure of claim 20, wherein each layer of the wrap comprises the electrically conductive lines, and wherein the electrically conductive lines include an electrically conductive thermoset polymer.